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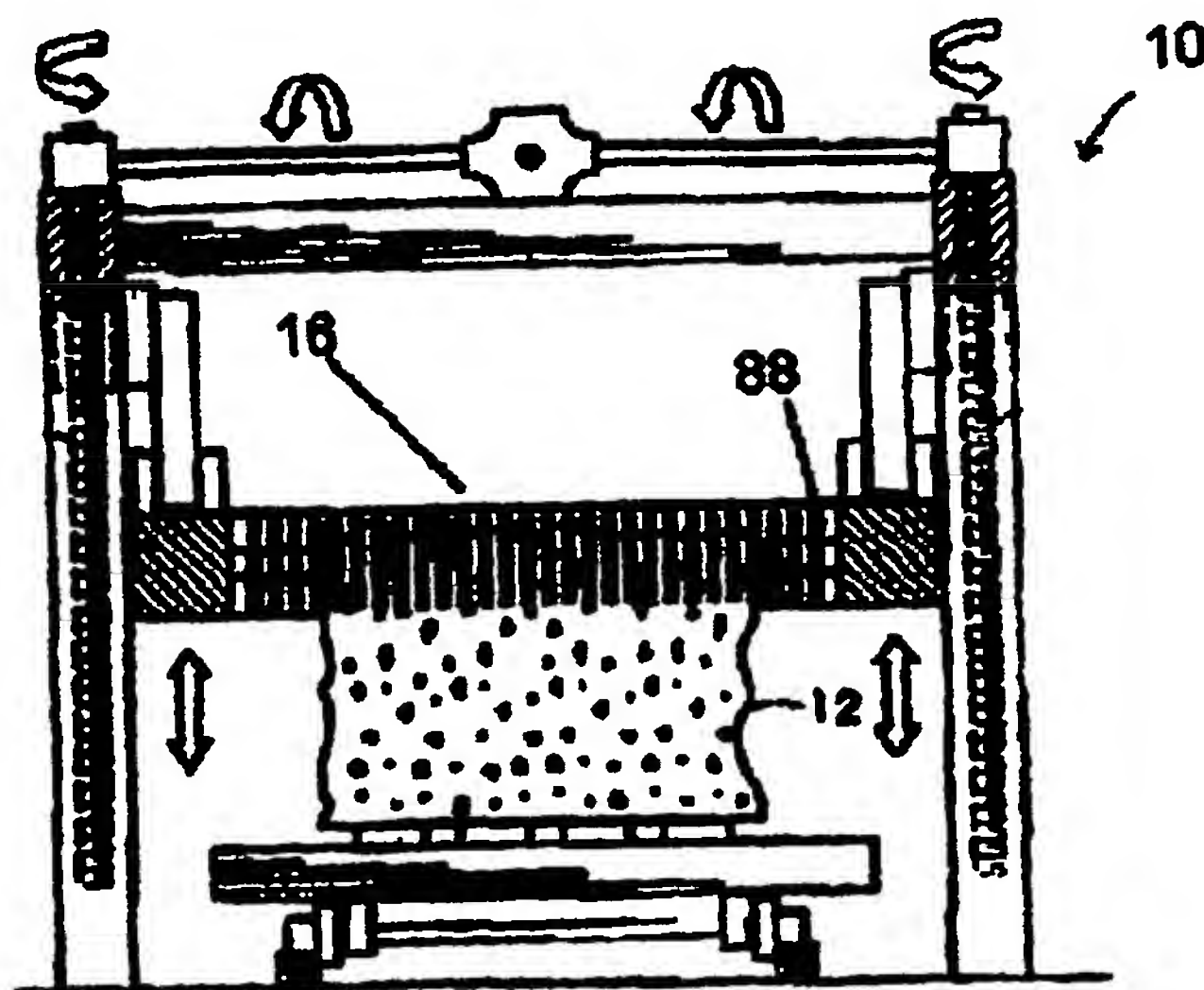
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(54) Title: GRANITE SLABS CUT WITH FRAME SAW EMPLOYING BLADES WITH DIAMOND-CONTAINING SEG-
MENTS AND METHOD OF CUTTING THEREOF



(57) Abstract: A graphite block cut into slabs
by a sawing device comprising a plurality of
generally parallel, spaced-apart blades with
each of the blades having a plurality of cutting
segments mounted thereon, each of the cutting
segments comprising a continuous phase
impregnated with a superabrasive material
selected from one of natural diamond, synthetic
diamond, cubic boron nitride, and combinations
thereof; wherein each of the granite slabs as cut
from the block has a surface roughness Ra of
less than 500 μ -in, and with thickness variation
of 2 mm or less from a nominal slab target.

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